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Derwent Title: **Building bricks and the manufacture thereof**

Original Title: **ZA9400974A: BUILDING BRICKS AND THE MANUFACTURE THEREOF**

Assignee: **STEWART N R Individual**  
**VAN DER WALT E A Individual**

Inventor: **STEWART N R; VAN DER WALT E A;**

Accession/Update: **1995-023250 / 199503**

IPC Code: **B28C 0/00 ;**

Derwent Classes: **P64;**

Derwent Abstract: **(ZA9400974A)** A brick production method is disclosed which method comprises mixing tailings from the milling of gold bearing ore (or from another metallurgical process) with clay, which can be ball clay or preferably bentonite, and with a flux system. Water is added to impart plasticity and enable the mixture to be extruded. The water can be added as sodium hydroxide solution as this achieves a simultaneous increase in the pH of the mixture to above 8.5. The flux system can be a calcium carbonate/magnesium carbonate mixture eg crushed Dolomite. Dolomite together with sodium carbonate or sodium chloride can also be used as the flux system. It is also possible to use potassium salts. The use of other additives such as pigments, coal dusty and fly ash is described. The mixture is extruded, cut into bricks and fired at between 1120 and 1180 degrees centigrade/

Family: **PDF Patent Pub. Date Derwent Update Pages Language IPC Code**

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Local appls.: ZA199400000974 Filed:1994-02-11 (94ZA-0000974)

Priority Number:

Application Number	Filed	Original Title
ZA1992000009003	1992-11-20	

Title Terms: **BUILD BRICK MANUFACTURE**

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